

5 COURSE C – THE EXAMINATION OF PAPER		Page 1 of 2
Division of Forensic Science QUESTIONED DOCUMENTS TRAINING MANUAL		Amendment Designator:
		Effective Date: 1-April-2004
5 COURSE C – THE EXAMINATION OF PAPER		
5.1	Scope	
5.1.1	Paper manufacturing processes (approximately 44 hours)	
5.1.2	Security paper (approximately 16 hours)	
5.1.3	Paper examinations (approximately 52 hours)	
5.1.4	Mead Paper Knowledge Course (approximately 40 hours)	
5.1.5	Examination/PE (approximately 8 hours)	
5.2	Objective	
	To provide an overview of the history and process of paper manufacturing, features in security paper, and the basic procedures involved in the laboratory examination of paper.	
5.3	Methods of Instruction	
	Self-directed study, lecture, practicals, seminar	
5.4	References	
5.4.1	Paper Manufacturing Processes	
	<ul style="list-style-type: none"> Browning, B.L., <u>Analysis of Paper</u>, 2nd Edition, Marcel Dekker Inc., NY 1977, Chap 1 Brunelle, R.L. & Reed, R.W., <u>Forensic Examination of Ink and Paper</u>, Charles C. Thomas Publisher, Springfield, IL, 1984, Chap 10-12 Hunter, Dard, <u>Papermaking: The History and Technique of an Ancient Craft</u>, Dover Publications, Mineola, NY, 1978, Chap 9, 10, 12-14 Harrison, W.R., <u>Suspect Documents</u>, Frederick A. Praeger, NY, 1958, pp 6-12 	
5.4.2	Security Paper	
	<ul style="list-style-type: none"> Technical articles (as assigned) 	
5.4.3	Paper Examinations	
	<ul style="list-style-type: none"> Browning, B.L., <u>Analysis of Paper</u>, 2nd Edition, Marcel Dekker Inc., N.Y. 1977, Chap 26 Brunelle, R.L. & Reed, R.W., <u>Forensic Examination of Ink and Paper</u>, Charles C. Thomas Publisher, Springfield, IL, 1984, Chap 13 Conway, J.V.P., <u>Evidential Documents</u>, Charles C. Thomas Publisher, Springfield, IL, 1959, pp 175-185 Harrison, W.R., <u>Suspect Documents</u>, Frederick A. Praeger, NY, 1958, pp 30-33, 38-50, 58-62, 89-93, 129-133, 455-468 Hilton, O., <u>Scientific Examination of Questioned Documents</u>, Elsevier, NY, 1982, pp 82-90, 274-275, 281-282 Osborn, A.S., <u>Questioned Documents</u>, Boyd Printing Co., Albany, NY, 2nd Edition, 1929, Chap 26 Ellen, D., <u>The Scientific Examination of Documents: Methods and Techniques</u>, 2nd Edition, Taylor and Francis, Ltd., 1997, pp 95-100 Technical articles (as assigned) 	
5.5	Standards	
5.5.1	The student must be able to explain a basic history of papermaking.	

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<div> <div> 5.5.2 The student must be able to explain the basic processes involved in paper making and name the principal components of modern writing papers and explain their functions. </div> <div> 5.5.3 The student must be able to explain the theory of paper security and the most common security features of modern security papers. </div> <div> 5.5.4 The student must be able to conduct the principal nondestructive laboratory examinations of paper. </div> <div> 5.5.5 The student must be able to explain and demonstrate the procedures for matching torn and cut paper edges and identifying a paper cutting device. </div> <div> 5.5.6 The student must be able to explain and demonstrate the use of a micrometer in determining the thickness of paper. </div> <div> 5.5.7 If possible, the student shall attend a Mead Paper Knowledge Seminar. If a seminar is unavailable during the time frame of Course C, efforts shall be made to attend at a later date. </div> <div> 5.6 Verification </div> <div> 5.6.1 Student must score at least 80 on a written test. </div> <div> 5.6.2 Student must complete (to the instructor’s satisfaction) a practical exercise demonstrating the ability to conduct nondestructive laboratory examinations of paper. </div> <div> 5.6.3 Student will have 160 hours to complete Course C. </div> <div> ▶ End </div> </div>	